

below named inventor, I declare:

THAT I am a citizen of Japan or CHINA (if the inventor is third listed below) having a post office address at (c/o Intellectual Property & Legal Department, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo, Japan); *the address of each inventor*
 THAT my residence is as stated below next to my name;
 THAT I verily believe myself to be the original, first and sole (if only one individual inventor is listed below) or an original, first and joint inventor (if more than one individual inventor is listed below) of the invention in

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described and claimed in the attached specification; I have reviewed and understand the contents of the specification, including the claims; that I do not know and do not believe that this invention was ever known or used before my or our invention or discovery thereof, or patented or described in any printed publication in any country before my or our invention or discovery thereof, or more than one year prior to this application, or in public use or on sale in the United States for more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months before this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Section 1.56(a) of Title 37, Code of Federal Regulations; and that I hereby claim foreign priority benefits under Title 35, U.S.C. 119 of applications for patent or inventor's certificate on this invention or discovery which have been filed by me or my representatives or assigns in any country foreign to the United States, and which are as follows:

Country	Category	Application No.	Filing date	Priority Claim
Japan	Patent	4-89090	April 9, 1992	Yes
Japan	Patent	4-89092	April 9, 1992	Yes
Japan	Patent	4-94473	April 14, 1992	Yes
Japan	Patent	4-239803	September 8, 1992	Yes
Japan	Patent	4-244933	September 14, 1992	Yes
Japan	Patent	4-246646	September 16, 1992	Yes
Japan	Patent	5-42402	March 3, 1993	Yes
Japan	Patent	5-63978	March 23, 1993	Yes

And I hereby appoint Stephen H. Frishauf (Reg.No. 16,233), Leonard Holtz (Reg.No. 22,974), Herbert H. Goodman (Reg.No. 17,081), William R. Woodward (Reg.No. 15,126), Milton Oliver (Reg.No. 28,333), Thomas Langer (Reg.No. 27,264), Marshall J. Chick (Reg.No. 26,853), Walter J. Baum (Reg.No. 20,641) and Richard S. Barth (Reg.No. 28,180), each of whose address is 600 Third Avenue - 30th Floor, New York, N.Y. 10016, or any one of them, my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent & Trademark Office connected therewith, and request that correspondence be directed to Frishauf, Holtz, Goodman & Woodward, P.C., 600 Third Avenue - 30th Floor, New York, N.Y. 10016.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

DECLARATION AND POWER OF ATTORNEY

Inventor: (Signature)DateResidence✓ ① Yasuhiro Komiya
Yasuhiro KOMIYA

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Tokyo, Japan

✓ ⑧ Hideo Tomabechi
Hideo TOMABECHI

MAR. 3 0. 1993

Tokyo, Japan

APPLICATION FOR UNITED STATES LETTERS PATENT

Supplemental Declaration

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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as set forth in USSN 09/740,764 filed December 19, 2000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR: SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign:	Date:	Residence address: Hino-shi, Japan
Type:	Citizen of:	Mailing address:
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Sign:	Date:	Residence address: Yokohama-shi, Japan
Type:	Citizen of:	Mailing address:
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Sign: <i>Koutatsu Oura</i>	Date: <i>Nov. 12, 2001</i>	Residence address: Chofu-shi, Japan
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Koutatsu OURA	Japan	c/o Intellectual Property Department, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo, Japan
Sign:	Date:	Residence address: Machida-shi, Japan
Type:	Citizen of:	Mailing address:
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Sign:	Date:	Residence address: Hachioji-shi, Japan
Type:	Citizen of:	Mailing address:
Ryoichi SAWAKI	Japan	c/o Intellectual Property Department, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo, Japan
Sign:	Date:	Residence address: Hachioji-shi, Japan
Type:	Citizen of:	Mailing address:
Yoichi IBA	Japan	c/o Intellectual Property Department, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo, Japan



930255
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DATE: 06/14/93
TO:

N09A

LEONARD HOLTZ
FRISHAUF, HOLTZ, GOODMAN & WOODWARD, PC
600 THIRD AVENUE, 30TH FLOOR
NEW YORK, NY 10016-2088

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DOC DATE: 03/30/93

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ASSIGNOR:

DOC DATE: 03/30/93

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ASSIGNEE:

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43-2, 2-CHOME, HATAGAYA, SHIBUYA-KU, TOKYO, JAPAN

SERIAL NUMBER 8-045038 FILING DATE 04/08/93

PATENT NUMBER ISSUE DATE 00/00/00



EXAMINER/PARALEGAL

ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION



REGISTRATION FORM COVER SHEET

 045038
 Docket No. 930255/LH

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

 Yasuhiro KOMIYA
 Tatsuo NAGASAKI
 Kangda WANG
 Takeshi MORI
 Ryoichi SAWAKI
 Yoichi IBA
 Toshiyuki EBIHARA
 Hideo TOMABECHI

2. Name and address of receiving party(ies):

 Olympus Optical Co., Ltd.
 43-2, 2-chome, Hatagaya,
 Shibuya-ku, Tokyo, Japan

3. Nature of conveyance: - ASSIGNMENT

 Execution Date(s): March 30, 1993 (all inventors)

respectively.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is as follows:

March 30, 1993 (all inventors)

respectively.

A. Patent Application No. (s)

030 MP 04/26/93 08045038

B. Patent No.(s)

1 581 40.00 CK

5. Name and address of party to whom correspondence concerning document should be mailed:

 FRISHAUF, HOLTZ, GOODMAN & WOODWARD, P.C.
 600 Third Avenue, 30th Floor
 New York, New York 10016-2088
6. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41): \$ 40.00
☒ Amount included with filing fee attached hereto.

☐ Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

 Dated: April 8, 1993

By:

 Leonard Holtz
 Reg. # 22,976

 Express Mail® Mailing Label No. TR 354 822 875

 Date of Deposit: April 8, 1993

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office Addresses" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C. 20231.

9/1/92

Barbara Villani

 Total number of pages comprising cover sheet: one

A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o
Intellectual Property & Legal Department, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho,
Hachioji-shi, Tokyo, Japan, and a residence as stated below next to my name, the sole
inventor (if only one name is listed below) or a joint inventor (if plural inventors
are listed below) of an invention described in an application for United States
patent entitled:

IMAGE PROCESSING APPARATUS

said application having been filed on _____ and assigned Serial
No. _____;
sell and assign to _____

OLYMPUS OPTICAL CO., LTD, a corporation organized and existing under the laws of
Japan, and having a business address at 43-2, 2-chome, Hatagaya, Shibuya-ku, Tokyo,
Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire
right, title and interest in and to said invention as disclosed, shown and described
in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all
countries of the world, including all divisions, reissues, continuations, substi-
tutions and extensions thereof and all rights arising under or pursuant to any and
all international agreements, treaties or laws relating to the protection of
industrial property, including rights of priority, resulting from the filing of any
of said applications; and I authorize and request any official whose duty is to
issue patents, to issue any patent on said invention or resulting therefrom to said
Assignee, and I agree that on request and without further consideration, but at the
expense of said Assignee, I will communicate to said Assignee or its representatives
all facts known to me respecting said invention and testify in any legal proceeding,
sign all lawful papers, execute all divisional, continuing, reissue, or other
applications, make all rightful oaths and declarations, and generally do everything
possible to aid said Assignee to obtain and enforce proper patent protection for said
invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any
further identification which may be necessary or desirable in order to comply with the
Rules of the U.S. Patent and Trademark Office for recordation of this document.

Frishauf, Holtz, Goodman & Woodward, P.C., 600 Third Avenue - 30th Floor, New York,
N.Y. 10016.

Inventor: (Signature)

Date

Residence

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Yasuhiro KOMIYA

MAR. 3 0. 1993

Tokyo, Japan

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Tatsuo NAGASAKI

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Yokohama-shi, Japan

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0077
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ASSIGNMENT

- 2 -

<u>Inv ntor:</u>	<u>(Signature)</u>	<u>Date</u>	<u>Residence</u>
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D	<u>Takeshi Mori</u> Takeshi MORI	<u>MAR. 30. 1993</u>	<u>Tokyo, Japan</u>
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H	<u>Hideo Tomabechi</u> Hideo TOMABECHI	<u>MAR. 30. 1993</u>	<u>Tokyo, Japan</u>
I	_____	_____	_____
J	_____	_____	_____

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Witness for Inventor A:

Witness for Inventor F:

Witness for Inventor B:

Witness for Inventor G:

Witness for Inventor C:

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Witness for Inventor D:

Witness for Inventor I:

Witness for Inventor E:

Witness for Inventor J:

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Note: Witness desirable,
but not necessary.